High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Science   **Pathway: Electronics**

Region: Wasatch Front	**District:**	**School:**	**College/Institution: Salt Lake Community College**
Contact Person: Don Johnson		**Ph.#: 801-957-5807**	Articulation Agreement in place? Yes
E-mail: don.johnson@slcc.edu		**Date: 4/6/07**	**Name of Degree or Certificate: Electronics Technology** Assoc of **Applied Science Degree (70 hours required)**

High School				College		
Course Number	**High School Suggested Academic Courses**	**H.S. Credit**	**College Credits**	**Course Number**	**College General Education Requirements**	**College Credits**
	ENGL 1010*	1	3	ENGL 1010	Introduction to Writing	3
				ELET 1050	Electronics Math	3
	COMM 1010*	1	3	COMM 1010	Elements of Effective Communication	3
				LE 1220	Human Relations	3
	PHYS 1010*	1	3	PHYS 1010	Elementary Physics (Distribution (PS)	3

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. ***Note: *= concurrent   ^= distant***

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Science **Pathway: Electronics**

	High School			College		
Course CIP #	**CTE Pathway Courses (credits for completion)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**College Credits**
Course #	**Foundation Courses: (required)**	**Credit**				
47.0105	Electronics I	.50	6 ⟹	ELET 1010	DC/AC Basic Electronics	6
47.0105	Digital Electronics	1.00	4 ⟹	ELET 1130	Digital Circuits	4
	Elective Courses:					
15.1301	Drafting & Design Technology	.50				
46.0302	Electrician	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				ELET 1040	Technical Basic	2
				ELET 1080	Electronics Assembly Skills	2
				ELET 1100	Linear Circuits	4
				ELET 1120	Circuit Simulation, Analysis/Design	2
				ELET 2010	Advanced Circuit Analysis	3
				ELET 2020	Tech Certification	2
				ELET 2080	Surface Mount Technology	2
				ELET 2100	Advanced Linear Circuits	4
				ELET 2150	Communications Systems	4
				ELET 2200	Advanced Measurements	4
				ELET 2300	Microprocessors	4
				ELET 2750	Electronics Troubleshooting	4
	Additional Articulated Classes Below	**Credit**				
11.0201	Computer Programming I (TELE 2040)*	.5	2 ⟹		Electives (8 credits): ELET 1020, ELET 2410, ELET 2420, ELET 2450, ELET 2480; TELE 1110, TELE 2040	8
TOTAL Potential Credits Earned in High School			**21**	**TOTAL Credits Required for Degree or Certificate**		**70**

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Note: This SLCC degree is articulated with a Bachelor of Science degree in Technology Management at Utah Valley State College. Requirements are: (1) complete this SLCC degree, (2) complete a total of 34 general education credit hours at SLCC (required for A.S. degree), and (3) earn 44 credit hours at UVSC in the Technology Management program